

Amendments to the Specification:

Please replace the paragraph, beginning at page 11, line 6, with the following rewritten paragraph:

Therefore, when aberrations exist, by making the light source output higher than ~~an output P_0 under the ideal condition~~ an output P_0 under the ideal condition where there is no aberration in the optical system ($S=0$) at a ratio I_0/I which is the reciprocal of I/I_0 , the energy contributing to recording can be maintained equal to that when there is no aberration. That is, this is achieved by setting the light source output to P calculated by the following expression 1:

Please add the following new paragraph after the paragraph ending on line 18 of page 16.

where P_0 is the light source output under the ideal condition where $S_1=S_2=0$.

Please replace the paragraph, beginning at page 23, line 23, with the following rewritten paragraph:

is obtained. Although the expression 16 is nothing but the expression ~~17~~ 7 when $S_i=0$, control can more accurately be performed by storing S_i and P_i obtained by initial learning as described above and calculating the light source output to be set while the apparatus is operating.